

**REMARKS**

Claims 2-5 and 7-27 are now pending in the application. Claims 2-5 and 7-14 have been amended. Claims 15-27 have been added by this paper.

Prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: January 16, 2004

By:   
Michael Malinzak, Reg. No. 43,770

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600

MM:ca

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: not yet assigned  
Filing Date: not yet assigned  
Applicant: Hung M. Pham et al.  
Group Art Unit: not yet assigned  
Examiner: not yet assigned  
Title: Adaptive Control For A Refrigeration System Using Pulse  
Width Modulated Duty Cycle Scroll Compressor  
Attorney Docket: 0315-000451/REK

---

Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

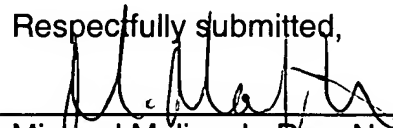
**STATEMENT OF STATUS/SUPPORT FOR**  
**ALL CHANGES TO THE CLAIMS IN STATE**  
**(37 CFR 1.173(c))**

Sir:

A Preliminary Amendment is enclosed herewith in which Claims 2-5 and 7-14 have been amended and Claims 15-27 have been added. The status of these claims is pending as of the date of the amendment. Support in the disclosure of the patent for the additional subject matter of Claims 15-27 can be found in Col. 3, Ins. 35-42; Col. 4, Ins. 4-16; Col. 6, Ins. 38-48; Col. 7, Ins. 54-63; Col. 8, In. 37-Col. 9, In. 26; Col. 10, In. 27-Col. 11, In. 19; and Col. 15, In. 50-Col. 17, In. 47, among other parts of the specification, as well as the drawings.

Dated: Jan 16, 2004

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600  
MM:ca

Respectfully submitted,  
  
By: Michael Malinzak, Reg. No. 43,770